




INTEROFFICE CORRESPONDENCE

DATE October 6, 1994

TO T d Beckman, Solar Pond Projects, Bldg 080, X8725

FROM L A Collins, Solar Pond Projects, Bldg 080, X6968 

SUBJECT SPP PROJECT TEAM DEDICATED TO TIMELY SHIPMENT OF
TREATABILITY STUDY SAMPLES TO HNUS LABORATORY -
LAC-026-94

Ref L A Collins ltr, LAC-025-94, to T d Beckman, Sludge and Pondcrete
Samples to be Sent to HNUS Laboratory for Treatability Study, Reference
SOW Rev 2, October 5, 1994

DOE Order 4700 1

Action None required

Initial consultation with Traffic - Vic Ament indicates that shipment to the HNUS Pittsburgh can be done with a single exclusive use truck. Transport cannot be accomplished in the week we discussed. Vic has volunteered to meet with us at our early convenience to discuss proper procedures and packaging. The sampling procedures previously developed by solar ponds should be followed in the preparation of this shipment. Remember that we must accomplish return of material presently in Pittsburgh before we initiate any new shipment to Pittsburgh.

Only C-Pond solids and clarifier material appear to be considered DOT radioactive. These will require additional special packaging and the exclusive use truck. Pondcrete may be considered radioactive depending on form (particle size) and quantity in individual packages. Vic considers the soils to be dirt and has not requested additional special packaging.

Tom Schmidt will coordinate team efforts with Traffic - Vic Ament.

Ernie Garcia will actively pursue sampling and appropriate packaging of C pond materials and pondcrete.

Brook Wilson will actively pursue identification of the IDM drums containing representative soil materials. I have asked him to identify 5,000 pounds of appropriate soil/contaminated media.

Tom Schmidt is pursuing identification of appropriate packaging and shipment of pondsludges.

Pondsludges

2 each - 55 gallon drums of Pond 207A sludge and water
2 each - 55 gallon drums of Pond 207B North sludge and water
2 each - 55 gallon Drums of Pond 207B Center sludge and Water

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2 each - 55 gallon Drums of Pond 207B South sludge and Water
1 each - 55 gallon Drum of 788 Clarifier sludge and water

These drums are untouched duplicate samples taken by HNUS for the previous pondcrete treatability study completed in July 1992 (PC84017JB). These drums are currently located in Building 788. Those DOT radioactive materials (e.g., C-Pond solids and Clarifier material) will require repacking.

60 gallons of 207C Pond liquids plus about 30 gallons of 207C Pond solids

This sample must be taken in the field as no leftover sample inventory is known to exist. I recommend that we enlist the aid of Ray Boyle and Joe Mellen to package this volume from the current C-Pond-To-Tank vacuum transfer operation. The Saltbuster operation is believed to have mixed the C sludges so well that any issues of "representativeness" should be well satisfied.

Brook Wilson is pursuing the soils

2500 pounds of OU-4 Soil

This amount can be identified from the IDM Drums from the Phase 1 Investigation drilling. We need to check with Randy Ogg to verify availability. Brook Wilson is to generate a list of drill holes and intervals desired, along with Engineering Rationale to identify those individual drums to prepare for shipment. Brook will generate a list of drum numbers to be shipped.

Ernie Garcia is pursuing the Pondcrete

I will provide Ernie the previous sampling plans for sampling the pondcrete. Ernie will implement the packing and shipping of pondcrete samples by updating the sampling plan, ensuring representative samples, updating the procedure, and packaging for shipment. I expect to need some assistance from R. Frank and/or V. Valencia to accomplish this task.

Pondcrete Samples

The previous Treatability study directed to offsite disposal has either consumed or rendered unfit for further use the existing pondcrete material at the Pittsburgh Laboratory.

Rich Ninesteel will identify the amount of additional pondcrete samples to be taken for the new Study. I expect to get the required volume early next week. In the near term we can recall the previous Waste sampling plan for pondcrete, and update it for execution in the near future.

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I expect we will need a few hundred pounds of "representative material "

Shipping priority

- 1 Timely return to site of unneeded pondcrete and saltcrete material currently in Pittsburgh Laboratory This is necessary so as to not overload the Laboratory Rad License limit
- 2 Ship pondsludges, as they are needed first as identified on the SPP Project schedule (Be sure to include empty new drums designated for the return of Radioactive samples as an economy measure)
- 3 Ship soil, it is needed second in the laboratory to finish the sludge work and begin the Pondcrete work
- 4 Ship pondcrete, it is needed last as identified on the SPP project schedule

jlb

cc
E Garcia
T D Schmidt
E Wilson
File
ERPD Records (2)

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